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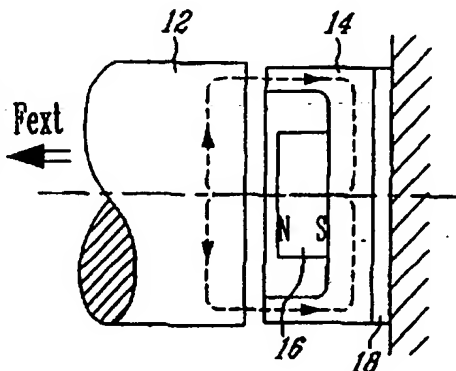
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ning of each regular issue of the PCT Gazette.

(54) Title: DEVICE TO RELIEVE THRUST LOAD IN A ROTOR-BEARING SYSTEM USING PERMANENT MAGNETS



(57) **Abstract:** The present invention provides a device and a method to enhance thrust load capacity in a rotor-bearing system. The load-enhancing device comprises a stator and a rotor arranged in such a way as to achieve a magnetic thrust load capacity enhancement by employing a number of permanent magnets, which produce an attracting force or an expelling force between the rotor and the stator.

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